DOCKET NO.: 19603/3641 (CRF D-933F)



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner: **Applicant** Barany et al. Manjunath N. Rao, Ph.D. 10/662,199 Serial No. Art Unit: Cnfrm. No. 9453 1652 September 12, 2003 Filed A THERMOSTABLE LIGASE MEDIATED For DNA AMPLIFICATION SYSTEM FOR THE **DETECTION OF GENETIC DISEASES**

AMENDMENT

Mail Stop: Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the April 22, 2005, office action, please amend the above-identified patent application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 6 of this paper.